



# Project Connect: It's Go Time!

South Central Waterfront Advisory Board

September 20, 2021



# PROJECT CONNECT:

## A program of multiple projects

### PROJECT CONNECT – PROGRAM COMPONENTS

Orange Line – NLTC to Stassney Phase 1 (LRT), Enhanced MetroRapid

Blue Line – Riverside Corridor (LRT)

Gold Line – MetroRapid, NEPA completion for LRT

Downtown Tunnel (Orange, Blue Lines)

MetroRapid – Expo, Pleasant Valley, Burnet to Menchaca/Oak Hill

Green Line to Colony Park – NEPA, Final Design, Construction

Red Line Improvements

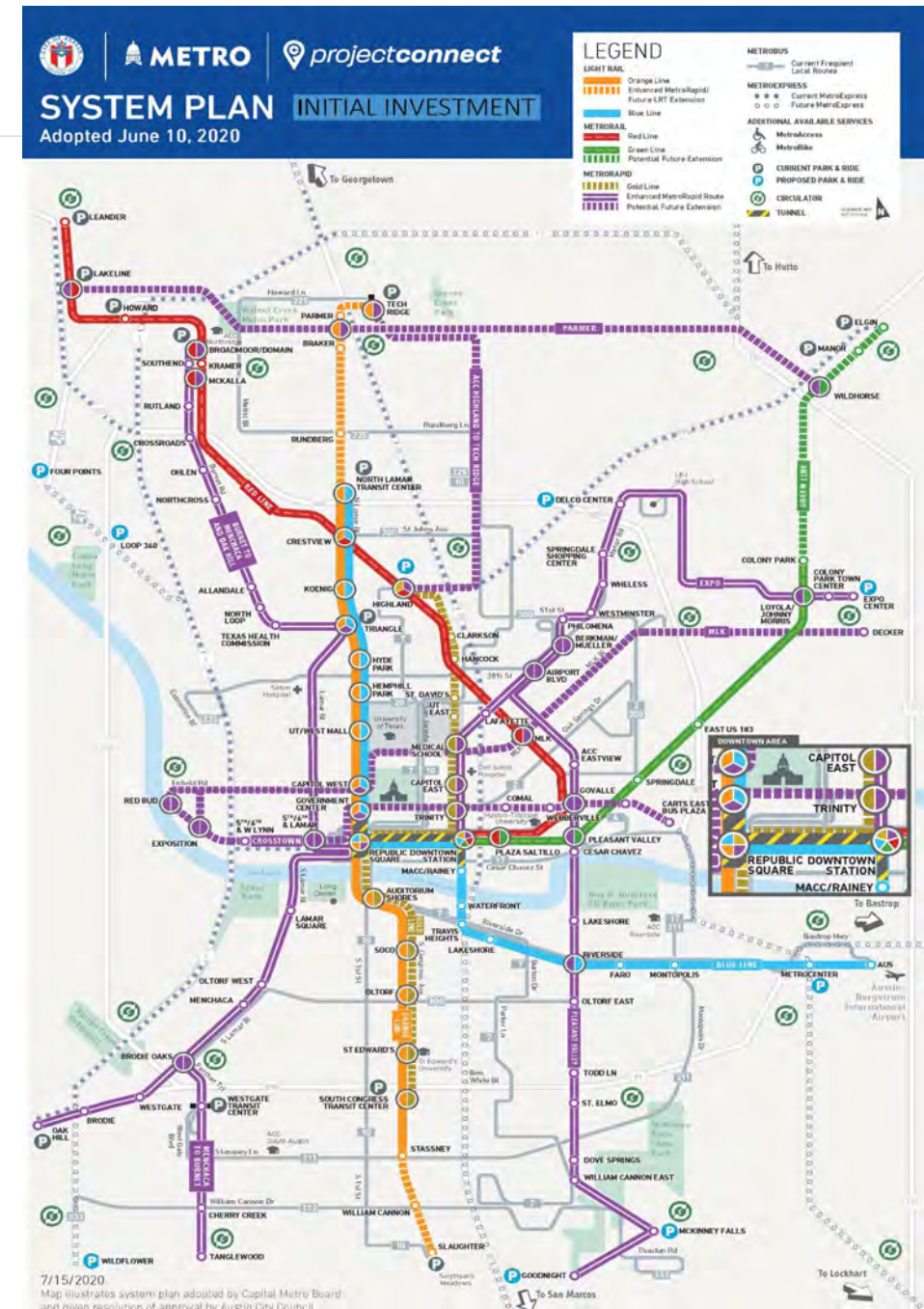
MetroExpress, Park & Rides, Transit Centers (3 New Routes, 9 P&R, 1 TC)

Neighborhood Circulators (15 New Zones / Vehicles)

Maintenance Facility Improvements

Customer Technology Systems

Anti-Displacement Investments



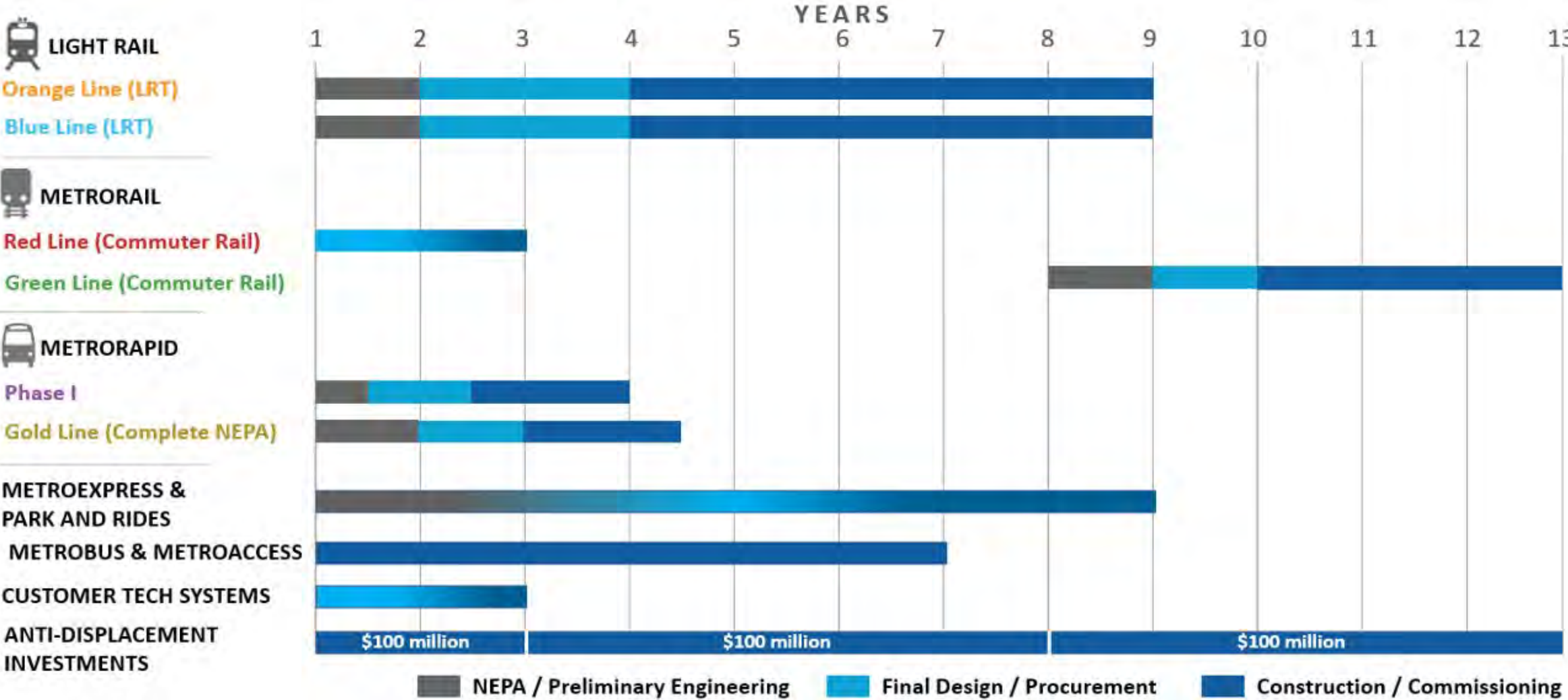


# Austin Transit Partnership – Integrated Program Delivery



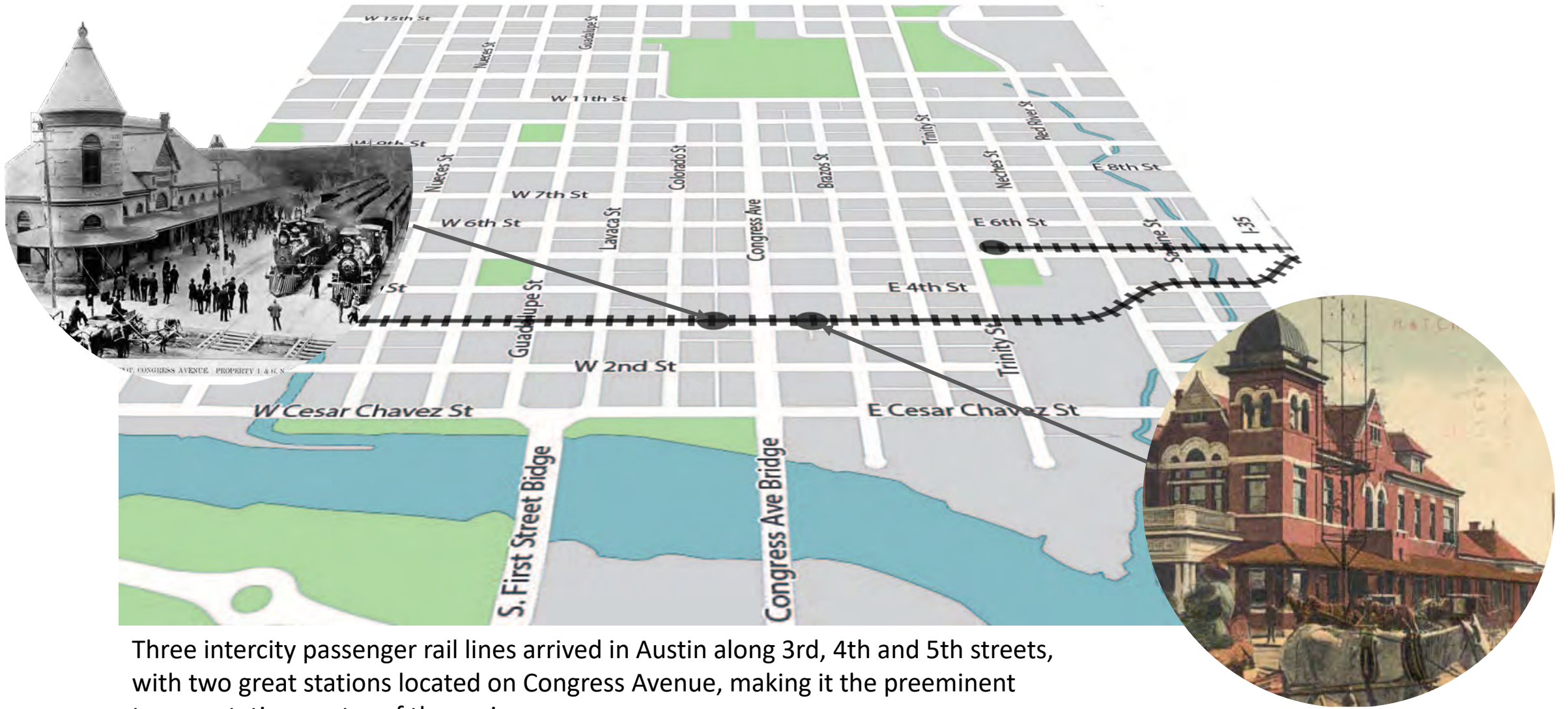


# PROJECT CONNECT SEQUENCE PLAN





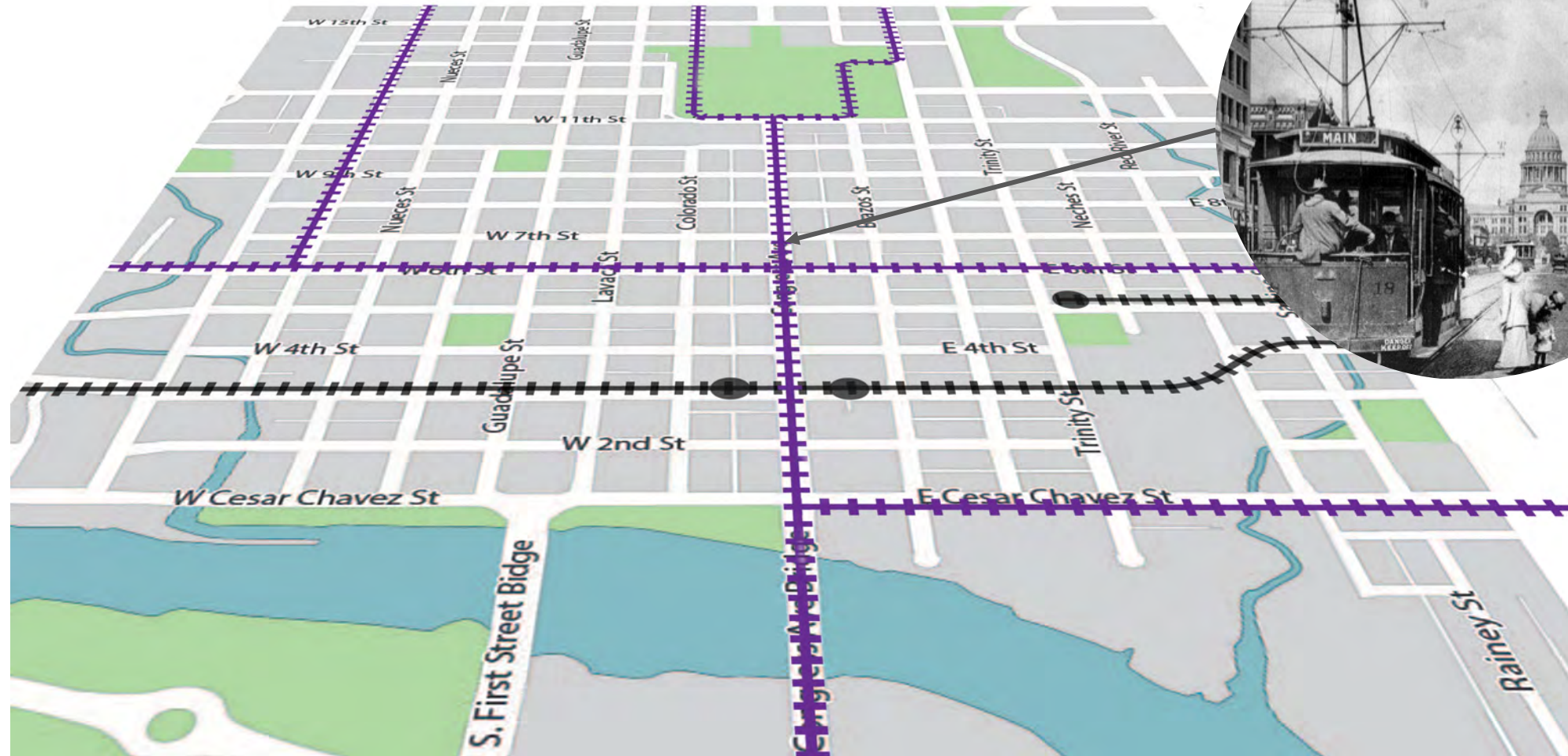
# 1871–1902: THE GREAT PASSENGER RAILROADS



Three intercity passenger rail lines arrived in Austin along 3rd, 4th and 5th streets, with two great stations located on Congress Avenue, making it the preeminent transportation center of the region.



# 1891–1940: STREETCARS

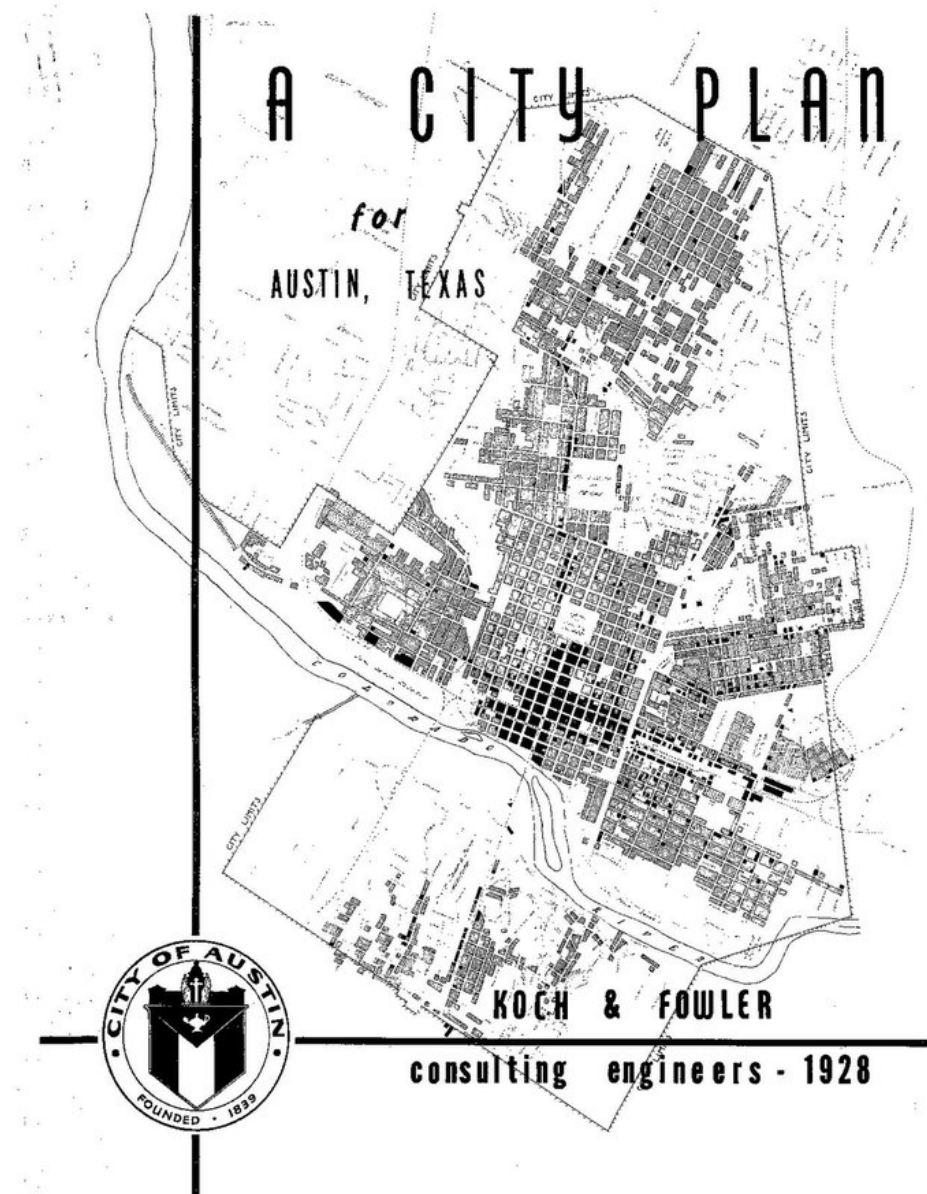


A system of 10 streetcar lines branched out to all parts of the growing city from its hub on Congress Avenue.





# The 1928 Austin Master Plan



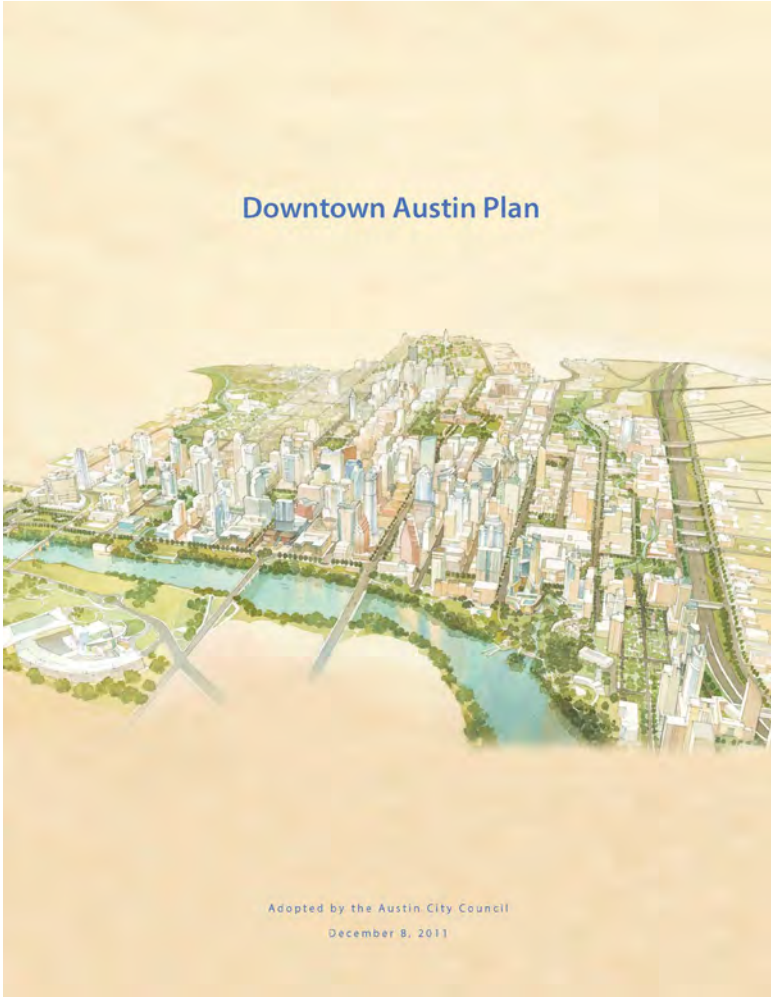
The 1928 Plan systematically segregated Austin and became a foundation of systemic racism and economic division in our community.

Project Connect recognizes the impacts of this and other planning efforts and seeks to bring a more inclusive, equitable planning approach to Austin's future.





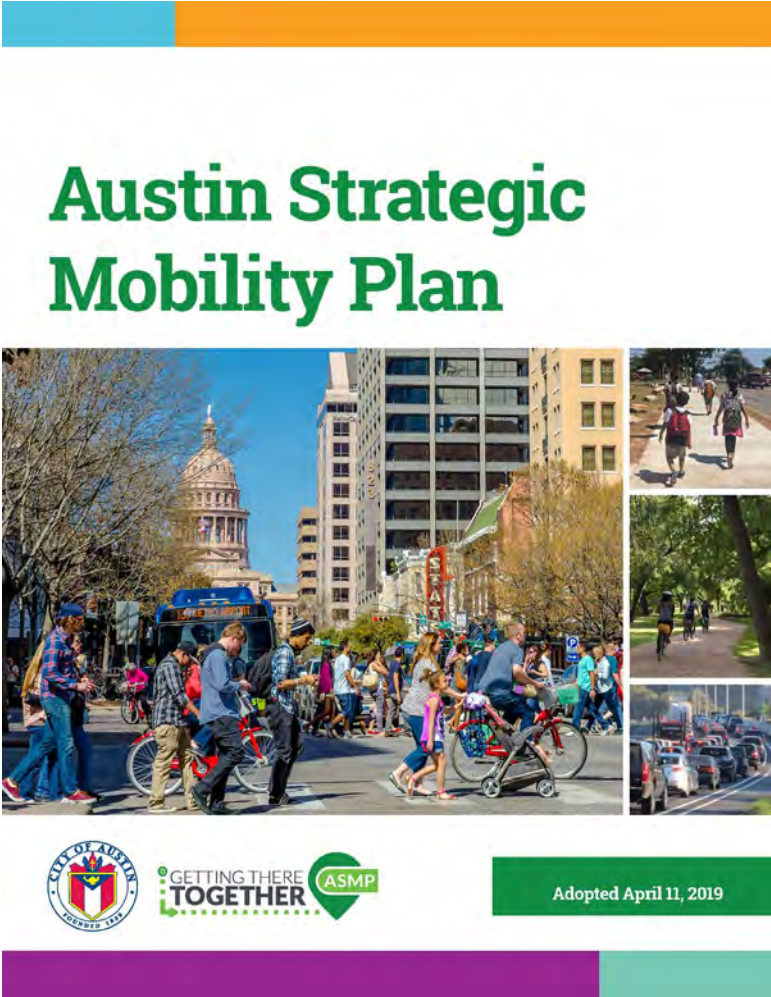
# 2011-2019: POLICIES AND PLANS FOR THE FUTURE



Downtown Austin Plan (Adopt. 2011)



Imagine Austin Comprehensive Plan (Adopt. 2012)



Austin Strategic Mobility Plan (Adopt. 2019)



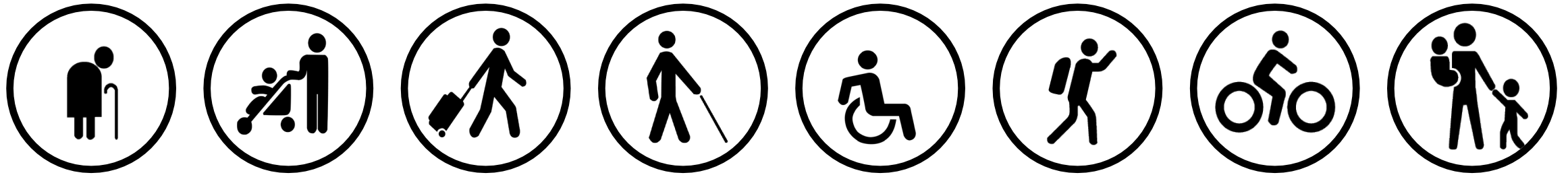


# Reimagining the Public Realm





# A HIGH-QUALITY MOBILITY EXPERIENCE FOR ALL





# Transit & Placemaking





# Transit & Placemaking

LEED Certified Facilities – Julia Carson Transit Center (IndyGo)



Art in Station Design – Hollywood / Highland (LA Metro)





# Transit & Technology

Surface Current Collection - France



Volvo Autonomous Bus - Singapore

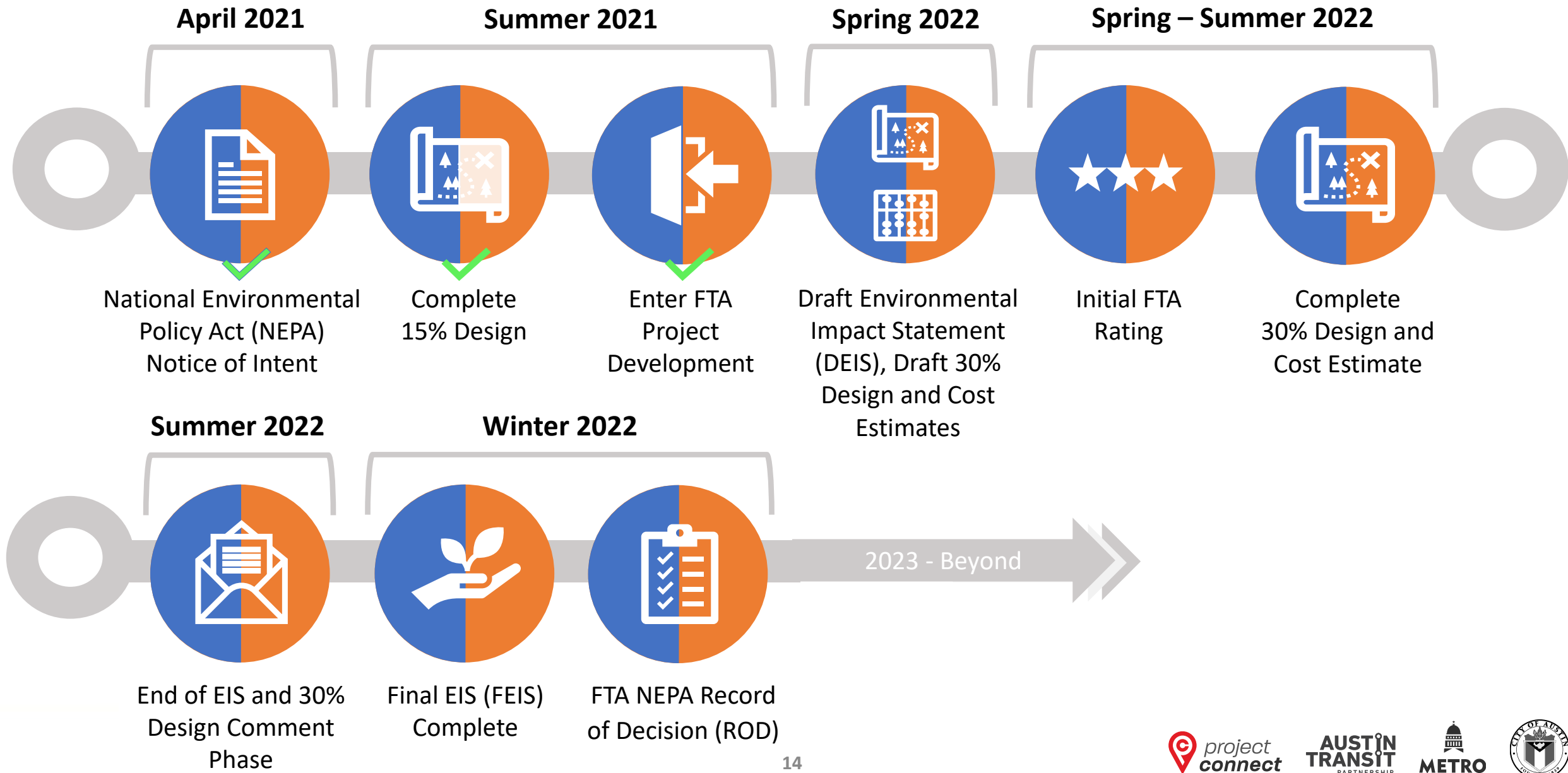


Hydrogen Fuel Cells - Germany





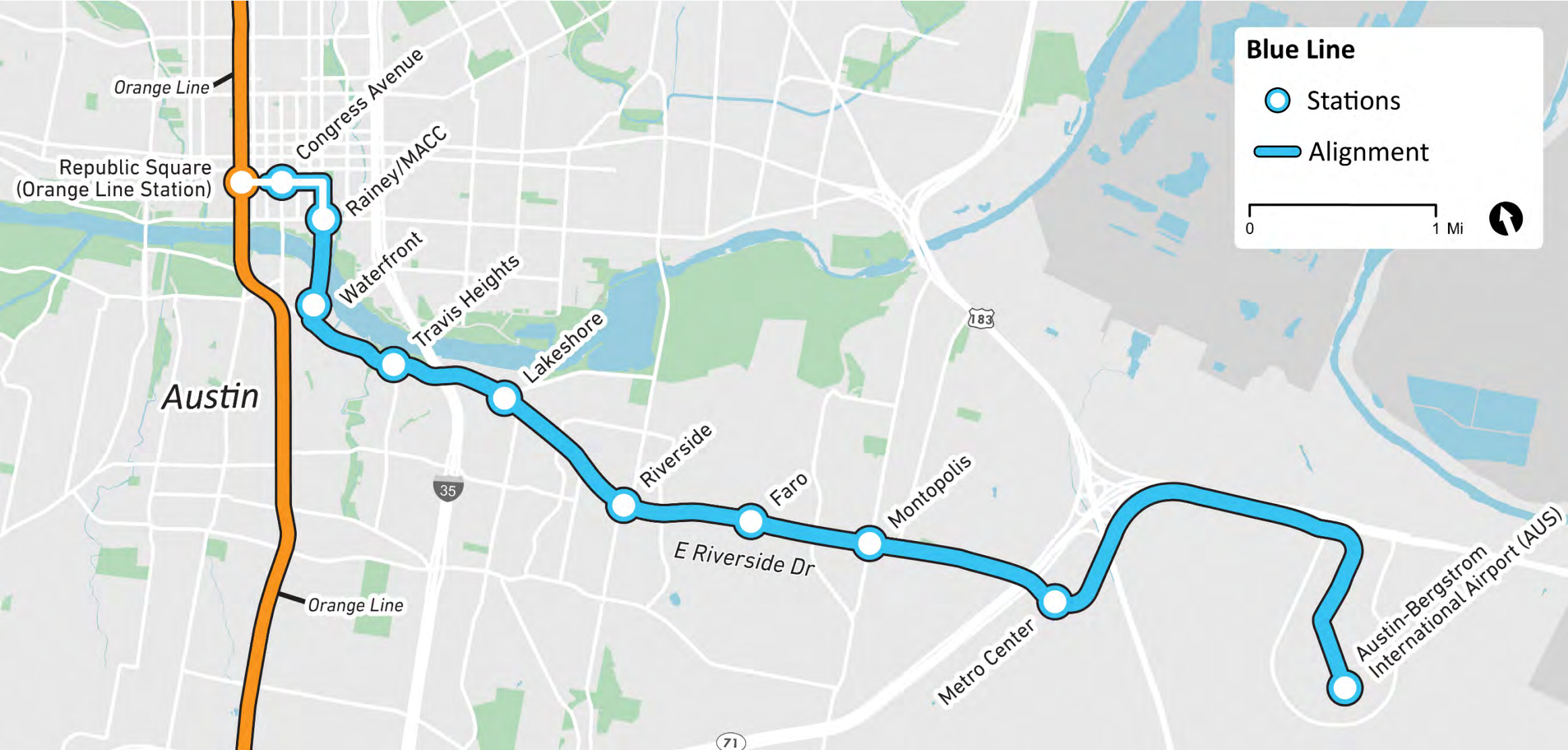
# ORANGE & BLUE LINE – KEY MILESTONES (2021 – 2022)





# Blue Line – Corridor Overview

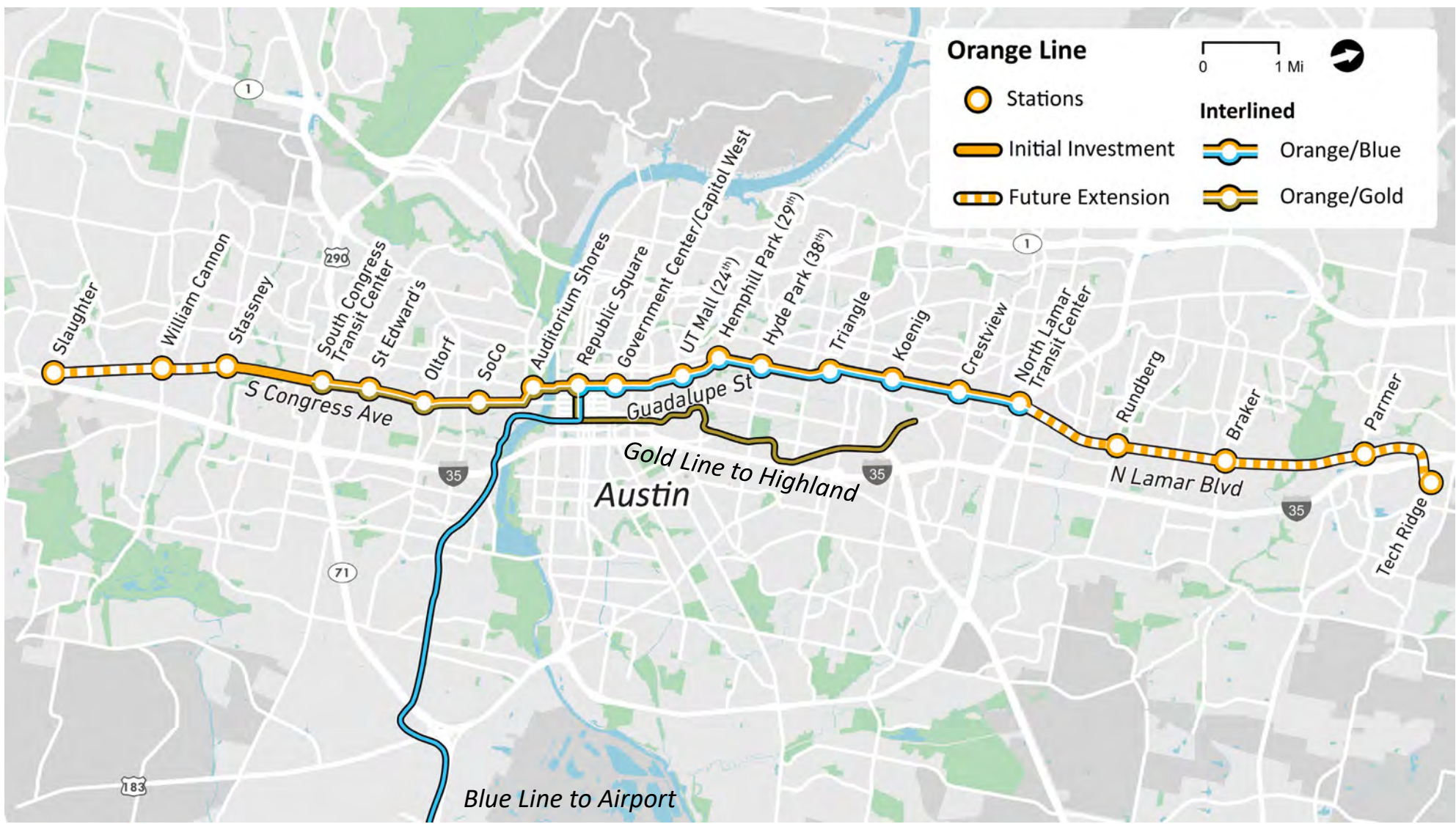
Note: Station locations and names subject to change





# Orange Line – Corridor Overview

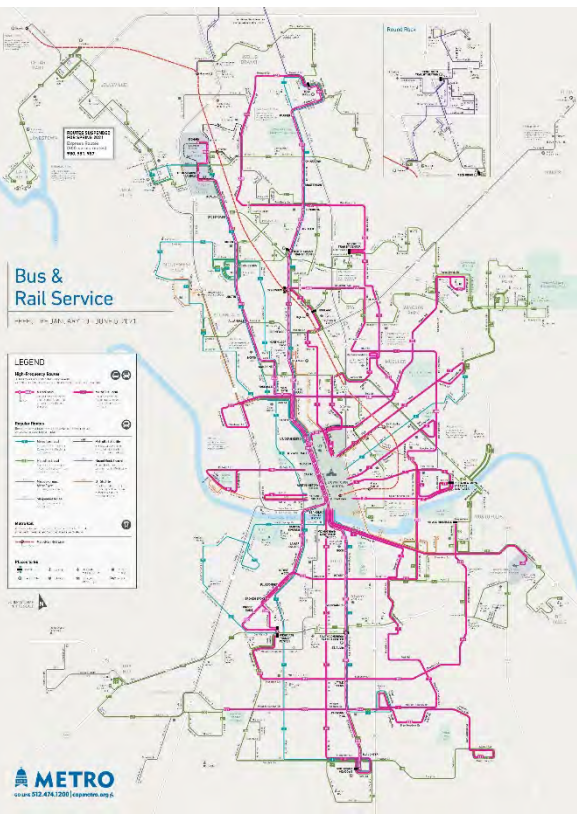
Note: Station locations and names subject to change



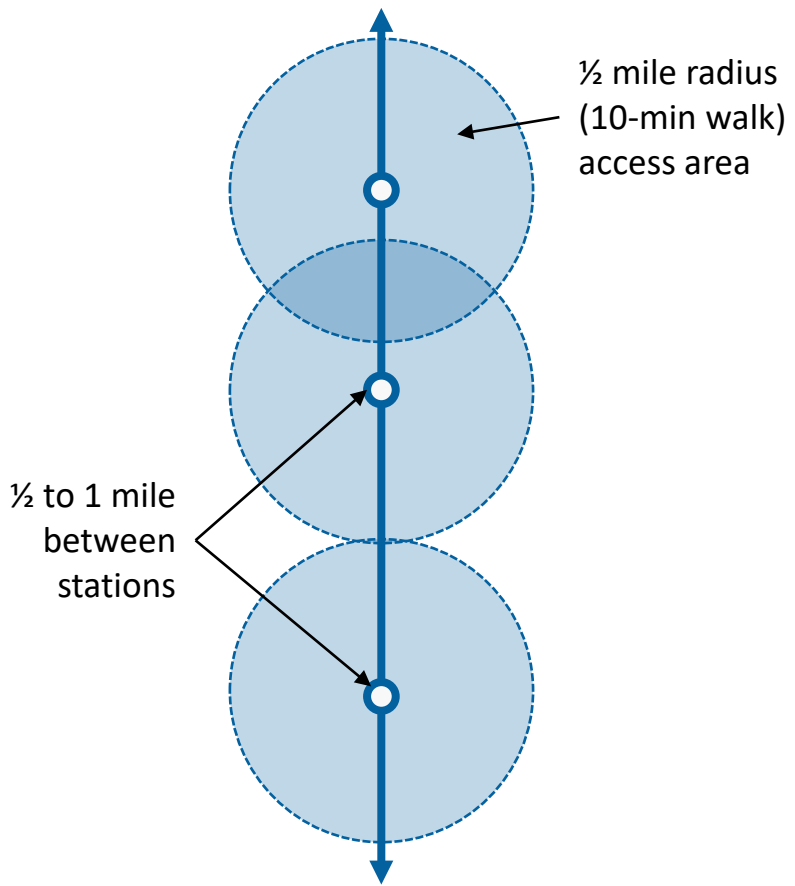


# Station Location Principles

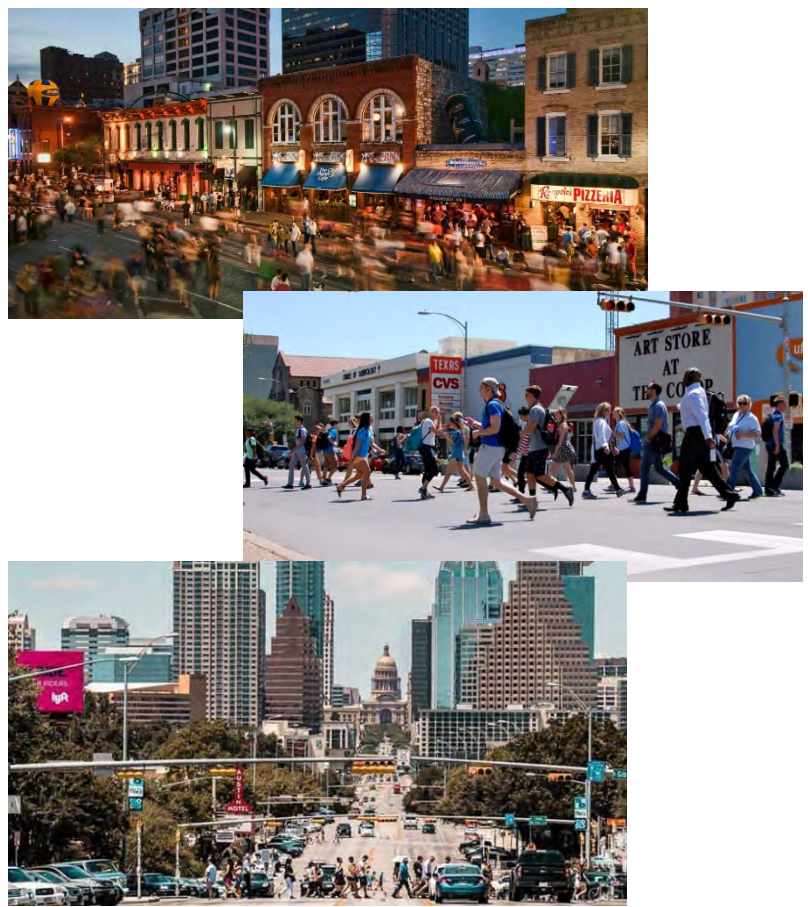
## Maximize connectivity to transit network



## Balance speed and access with station spacing



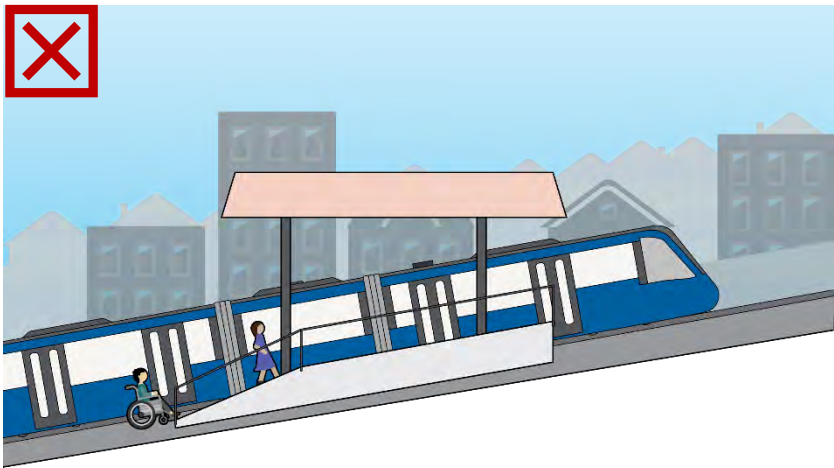
## Serve high-activity corridor destinations



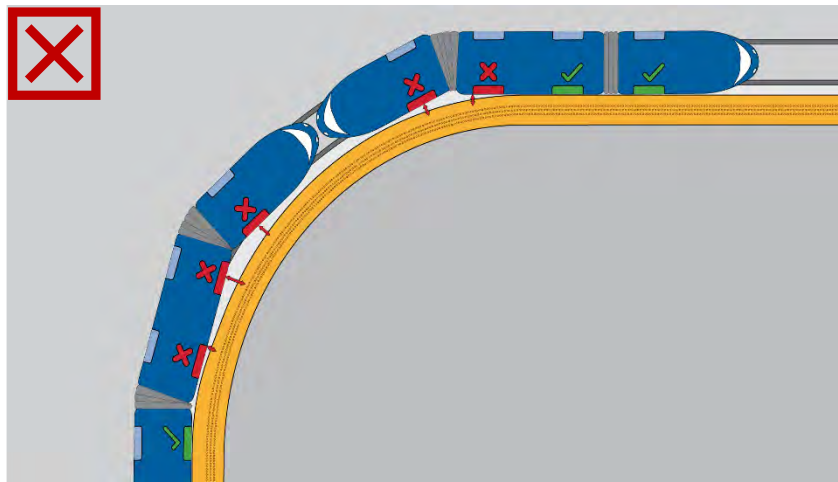


# Light Rail Station Basics

Station on an incline



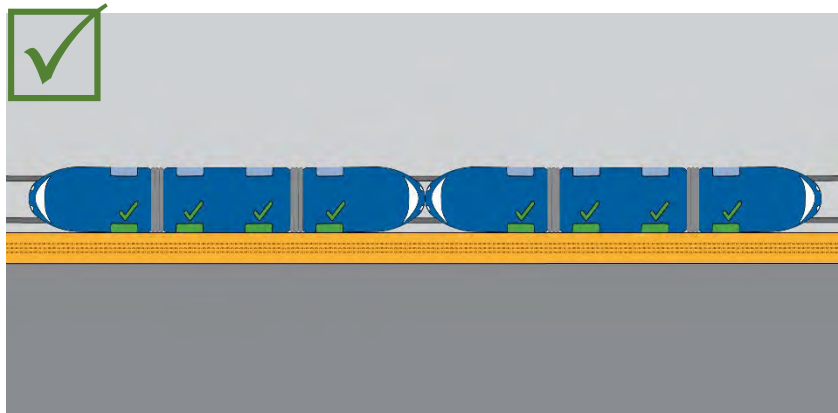
Station on a curve



Station on flat land

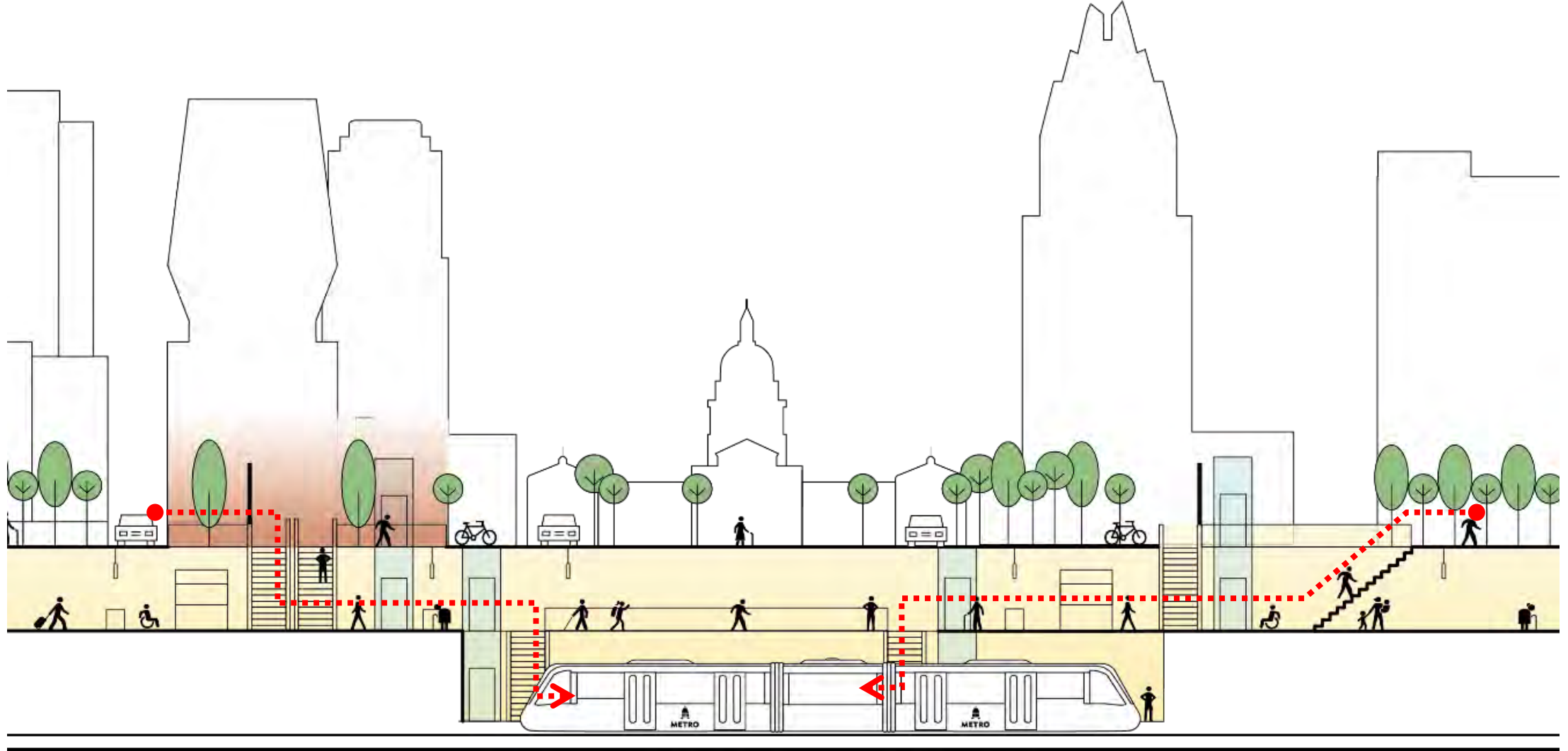


Station on a straight line





# CENTRAL ALIGNMENT SUBWAY: MULTI LEVEL TRANSIT SYSTEM





# MULTI-LEVEL TRANSIT ACCESS: PRECEDENTS



Macquarie Park Station concourse, Sydney



# SUBWAY STATION ENTRANCES: PRECEDENTS



Hudson Yards, New York



## SUBWAY STATION ENTRANCES: PRECEDENTS

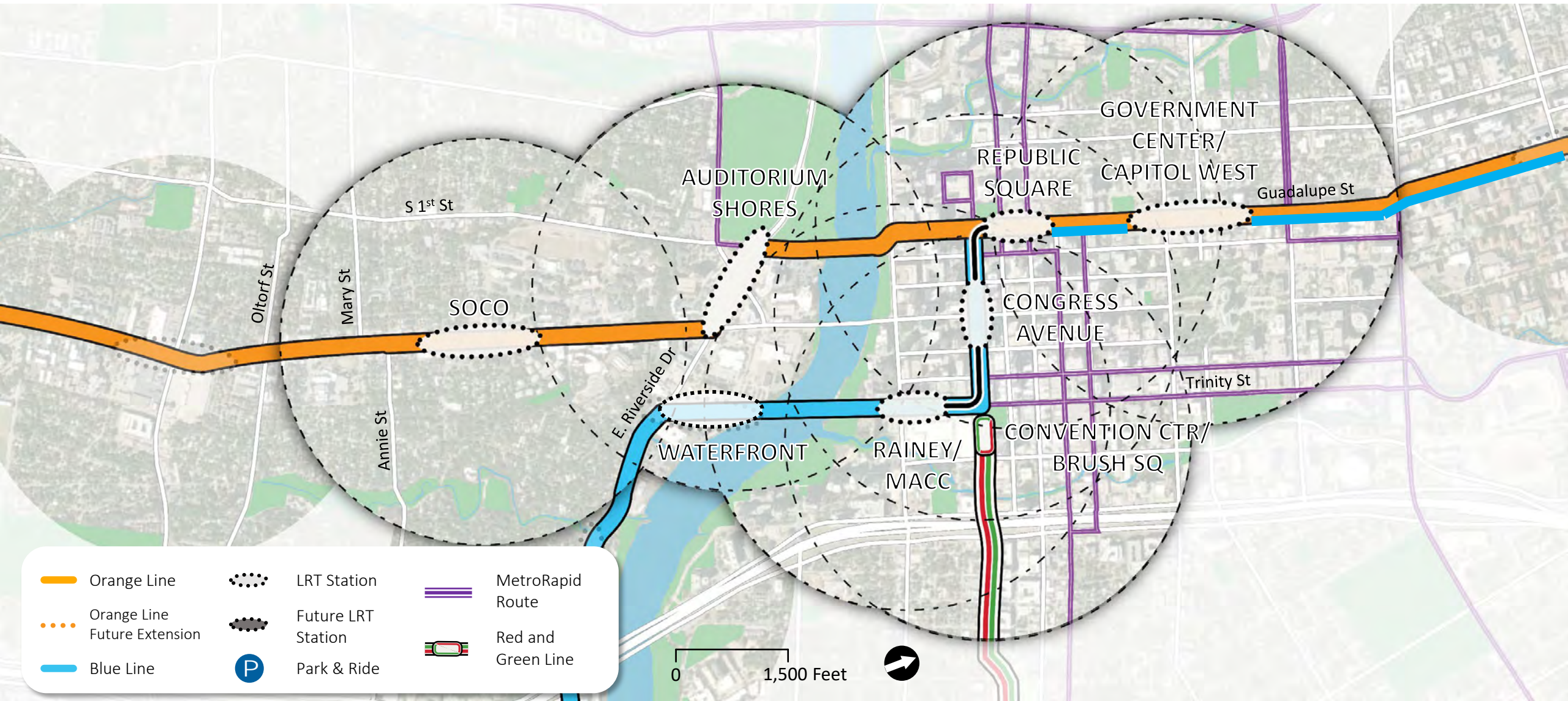


Dilworth Park, Philadelphia



# ORANGE & BLUE LINES – CENTRAL ALIGNMENT

Note: Station locations and names subject to change



Orange Line

Orange Line Future Extension

Blue Line

LRT Station

Future LRT Station





P

Park & Ride

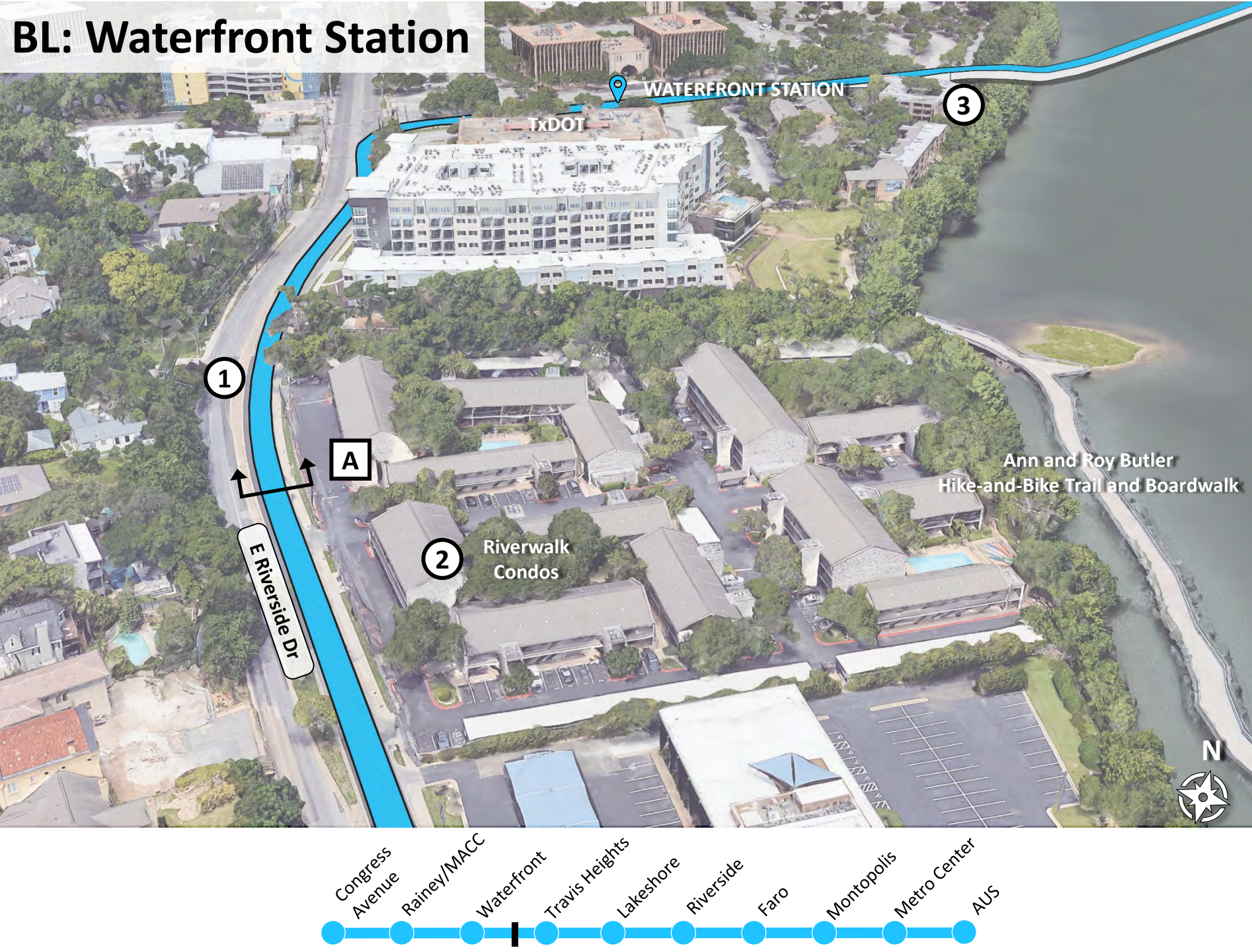
MetroRapid Route

Red and Green Line

23



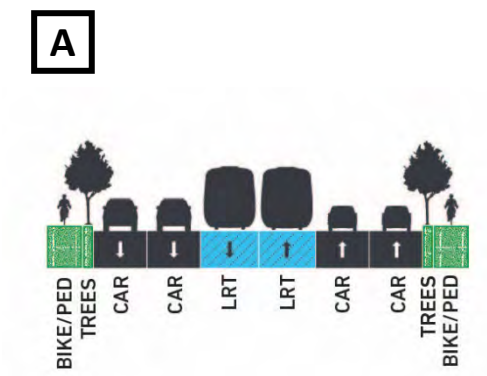




## Notes

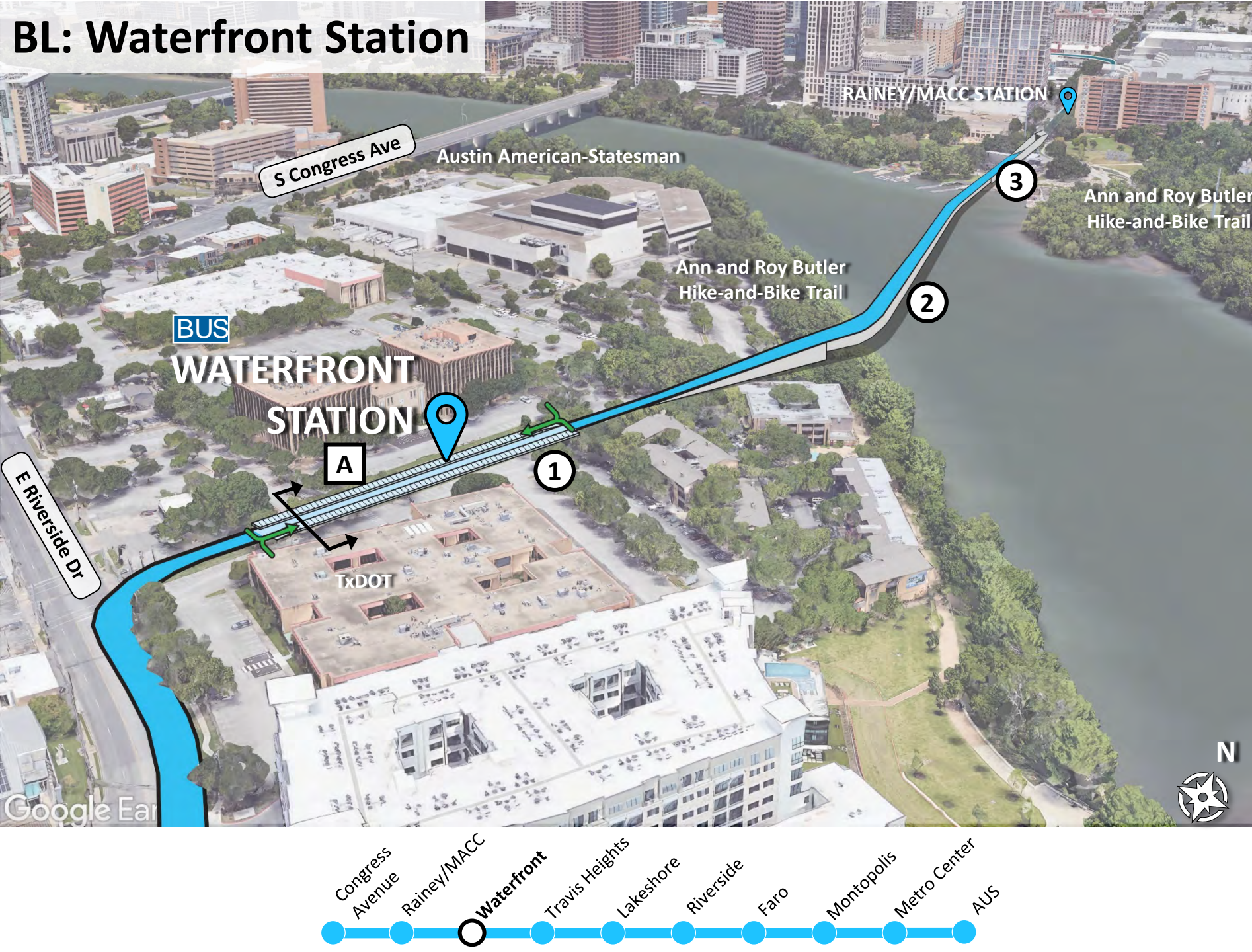
- 1** Center street running along East Riverside Drive
- 2** Potential property impacts
- 3** Connections to Butler Hike-and-Bike Trail and South Central Waterfront

## Cross Sections





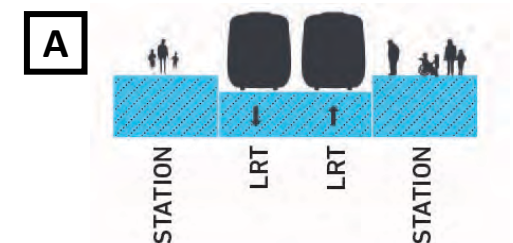
# BL: Waterfront Station



## Notes

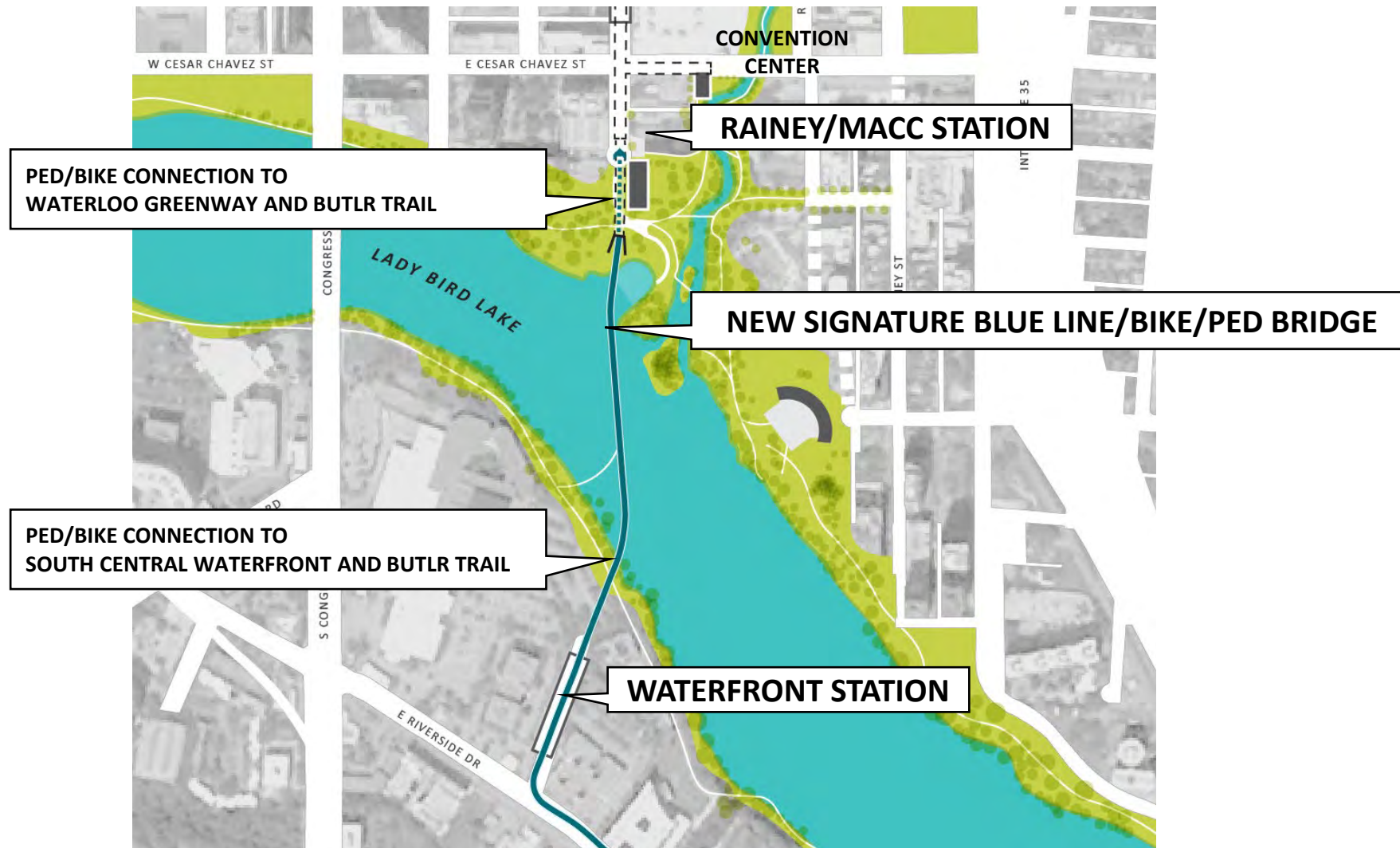
- ① Side platform station
- ② Rail/Bike/Ped signature bridge
- ③ Portal transition into subway and Rainey/MACC Station

## Cross Sections





# BLUE LINE: LADY BIRD LAKE BRIDGE





# LADY BIRD LAKE BRIDGE: CONNECTIONS TO BUTLER TRAIL AND WATERLOO GREENWAY





# Orange Line Stations (Auditorium Shores and SoCo)

Note: Station locations and names subject to change

Orange Line

Orange Line Future Extension

Blue Line

LRT Station

Future LRT Station





P

Park & Ride

MetroRapid Route

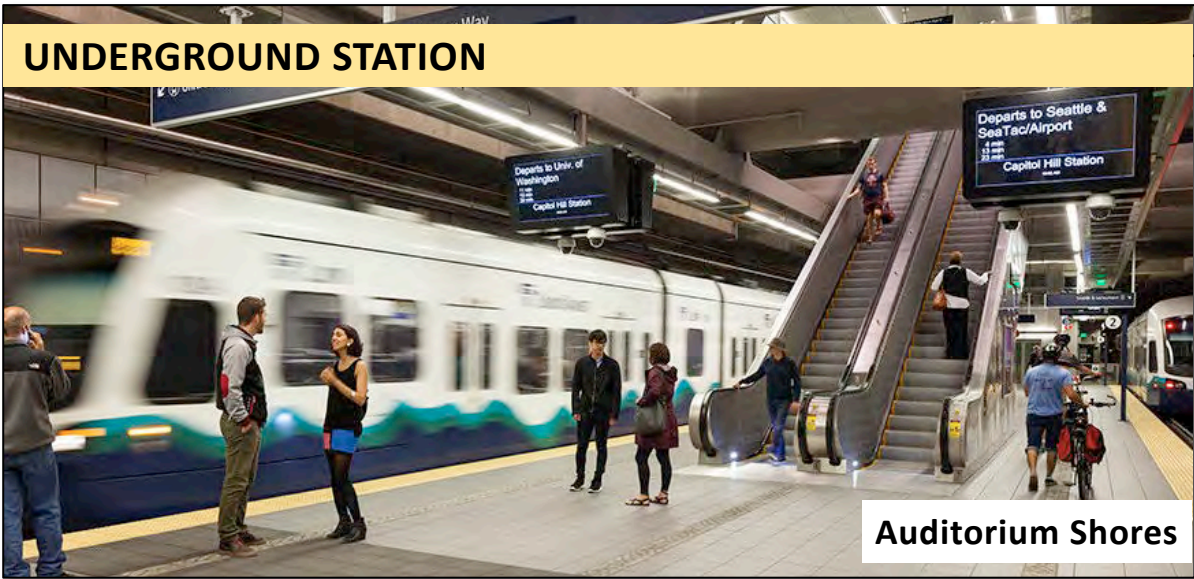
Red and Green Line

28



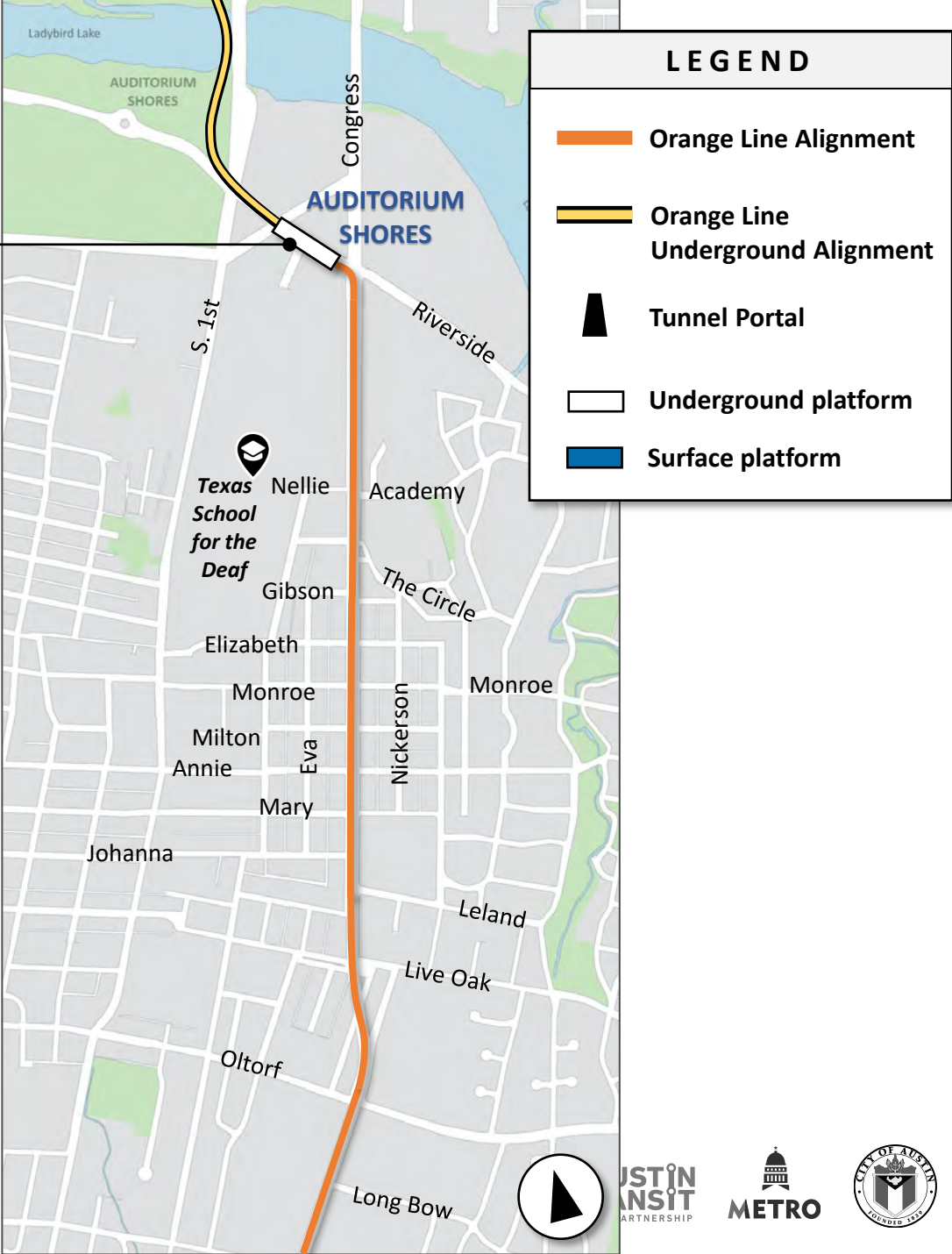


# Auditorium Shores



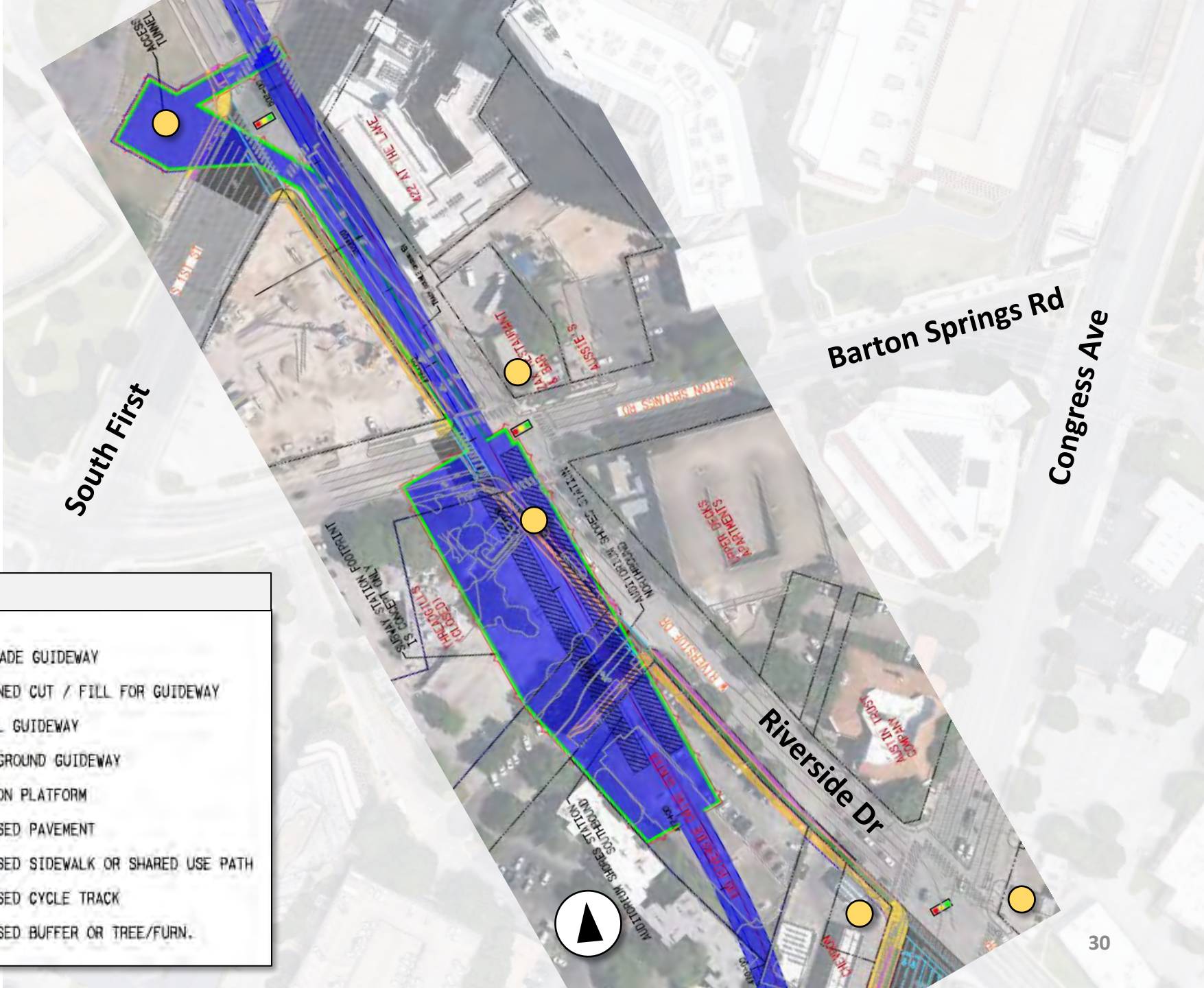
*\*All pictures are for representative purposes only*

*\*\*Map is diagrammatic and not to scale; reference engineering drawings for proposed ROW configurations with detail*





# Auditorium Shores



## LEGEND

- |  |                            |  |                                      |
|--|----------------------------|--|--------------------------------------|
|  | SB TRACK                   |  | AT-GRADE GUIDEWAY                    |
|  | NB TRACK                   |  | RETAINED CUT / FILL FOR GUIDEWAY     |
|  | EXISTING ROW LIMIT         |  | AERIAL GUIDEWAY                      |
|  | PROPOSED ROW LIMIT         |  | UNDERGROUND GUIDEWAY                 |
|  | PROPOSED EASEMENT LIMIT    |  | STATION PLATFORM                     |
|  | PROPOSED EDGE OF BIKE/PED  |  | PROPOSED PAVEMENT                    |
|  | PROPOSED CURB              |  | PROPOSED SIDEWALK OR SHARED USE PATH |
|  | PROPOSED PAVEMENT MARKINGS |  | PROPOSED CYCLE TRACK                 |
|  | PROPOSED RETAINING WALL    |  | PROPOSED BUFFER OR TREE/FURN.        |
|  | WORK BY OTHERS             |  |                                      |
|  | SIGNALIZED INTERSECTIONS   |  |                                      |
|  | POTENTIAL STATION ENTRANCE |  |                                      |



A

# Short Tunnel

Daylight on SoCo as soon as possible

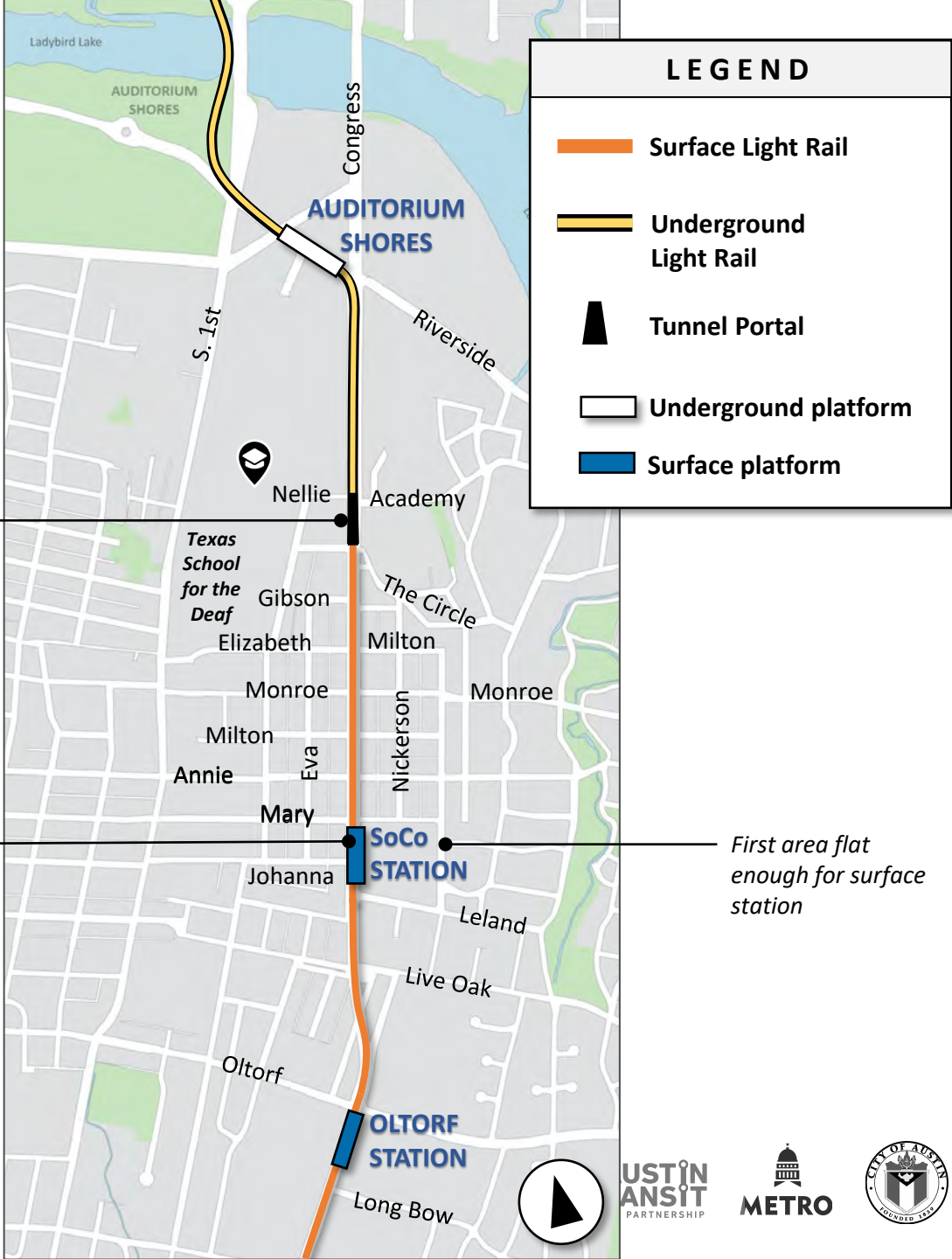
## LIGHT RAIL TUNNEL PORTAL



Nellie/Academy – The Circle

*\*All pictures are for representative purposes only*

## SURFACE LIGHT RAIL AND STATION (typical)



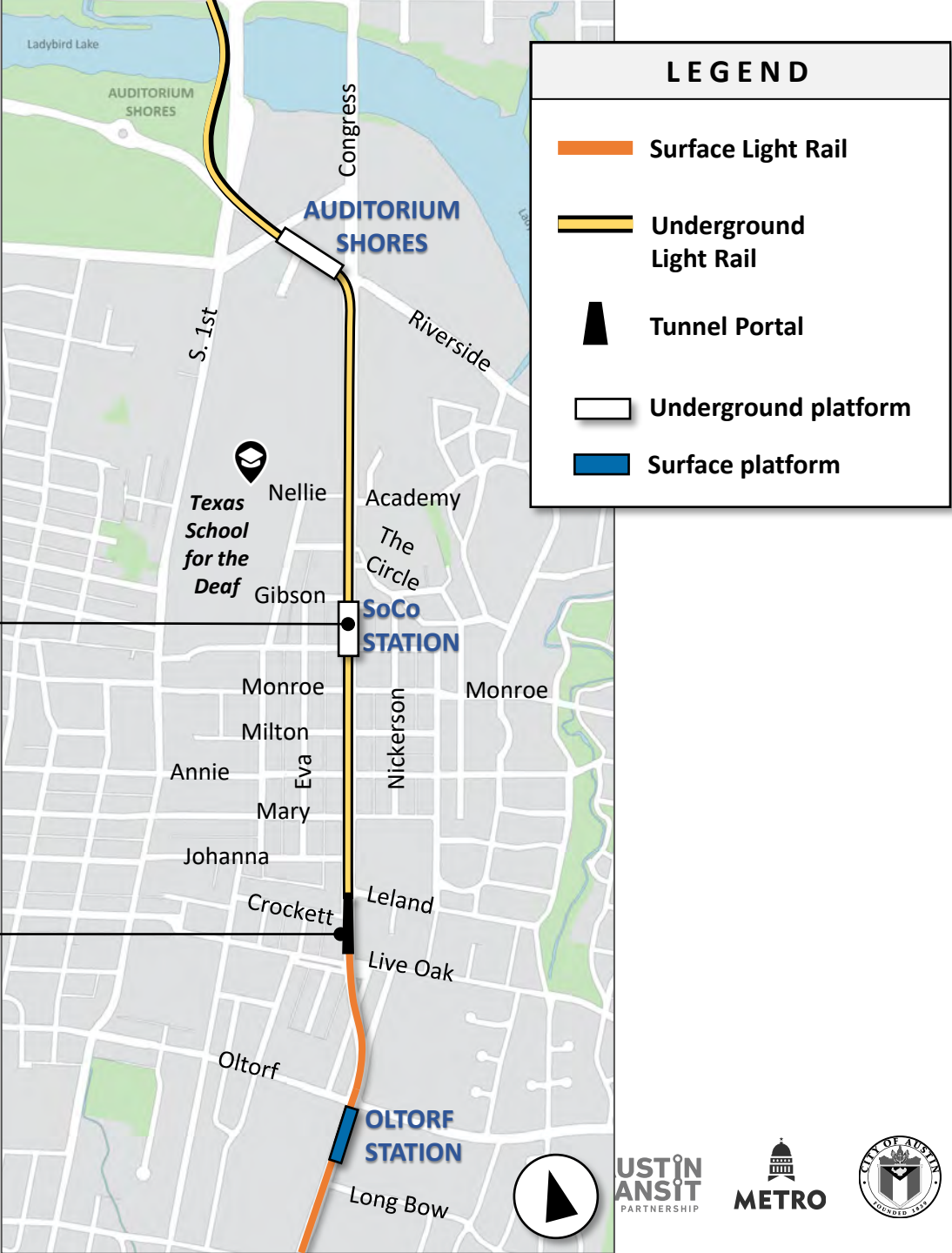
First area flat enough for surface station



B

# Long Tunnel

Daylight farther on SoCo



\*All pictures are for representative purposes only



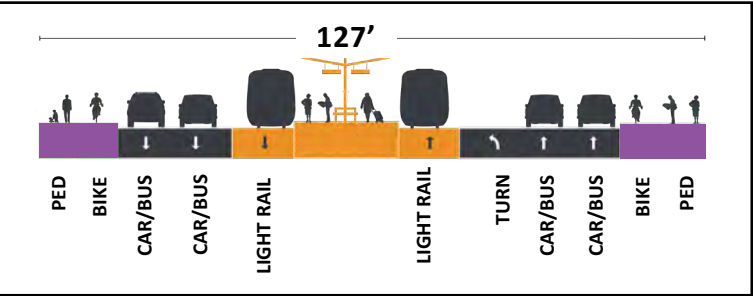
# SoCo Options A and B: Short Tunnel (A) / Long Tunnel (B)

JUST GETTING STARTED (15%)

*In both design options, the area marked bike, ped, tree, and flex zone could have numerous possibilities.*

*These areas will be the subject of future design workshops. Today's discussion focuses on general differences between tunnel options.*

## Surface Station at Leland - Mary



LEGEND

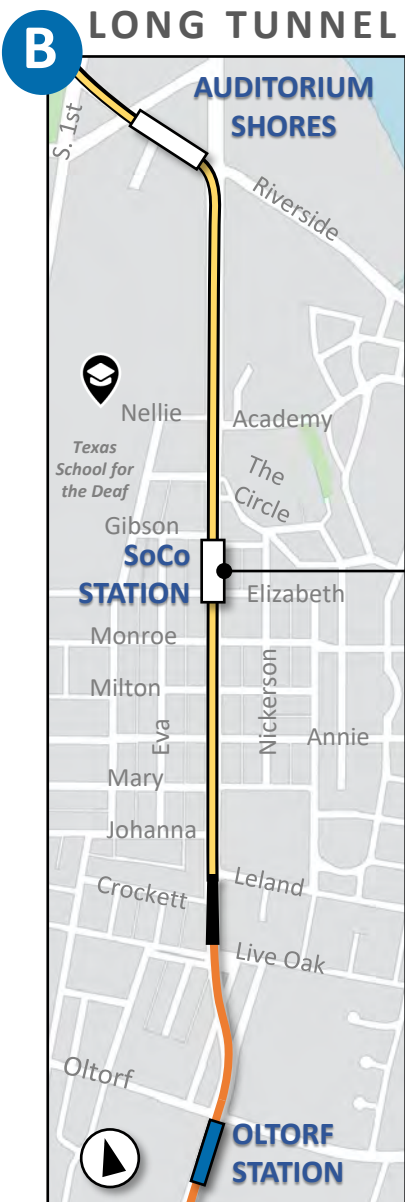
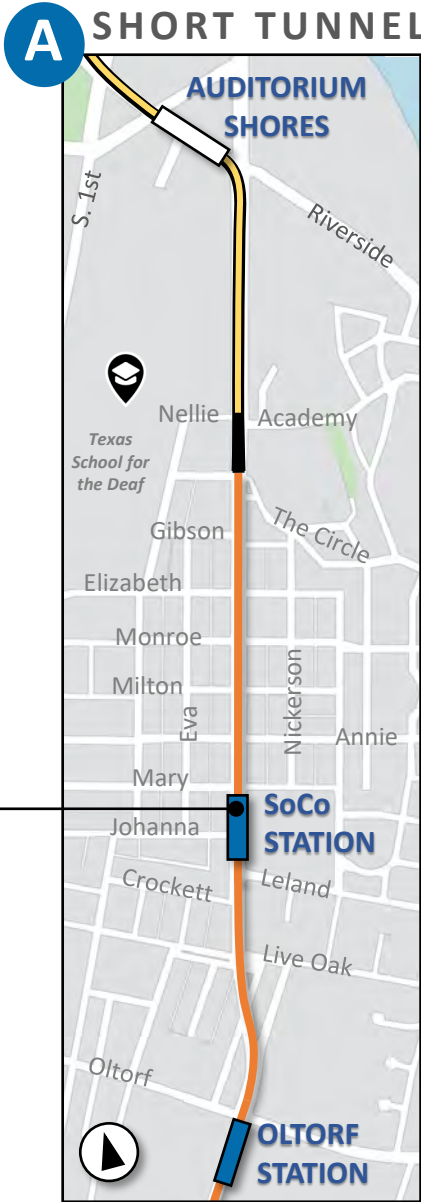
Surface Light Rail

Underground Light Rail

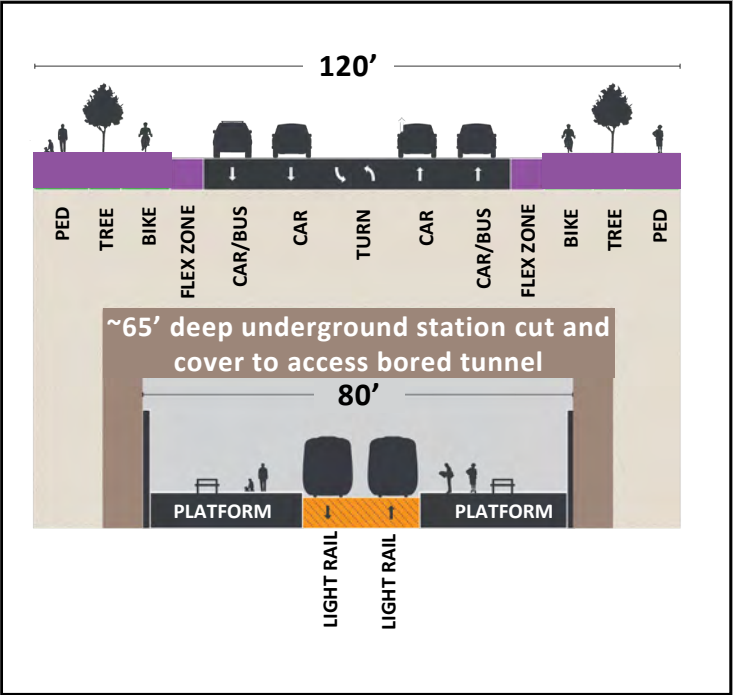
Tunnel Portal

Underground platform

Surface platform



## Underground Station (exact siting TBD)







# Get Involved!





# Orange & Blue Line Working Groups

## North: Orange Line:

- North Line
- North Lamar
- North Guadalupe
- Drag

## South: Orange Line

- St. Edward's to Stassney
- South Line

## East: Blue Line

### • South Shore

- East Riverside
- Metro Center/Airport

## Central Alignment:

- Downtown (BL/OL)
- SoCo (OL)





# UPCOMING MEETINGS

**September 29, 4:00-6:00**

**MEET THE PROJECT CONNECT TEAM event**

*in person!*

**New Project Connect Office: 3<sup>rd</sup> and Colorado Street**

**October 12, 5:30-7:00**

**Lady Bird Lake Bridge Community Design Workshop**

*Virtual*

For more details on all upcoming events:  
[www.project.com/get-involved](http://www.project.com/get-involved)







Thank you!  
[projectconnect.com](http://projectconnect.com)